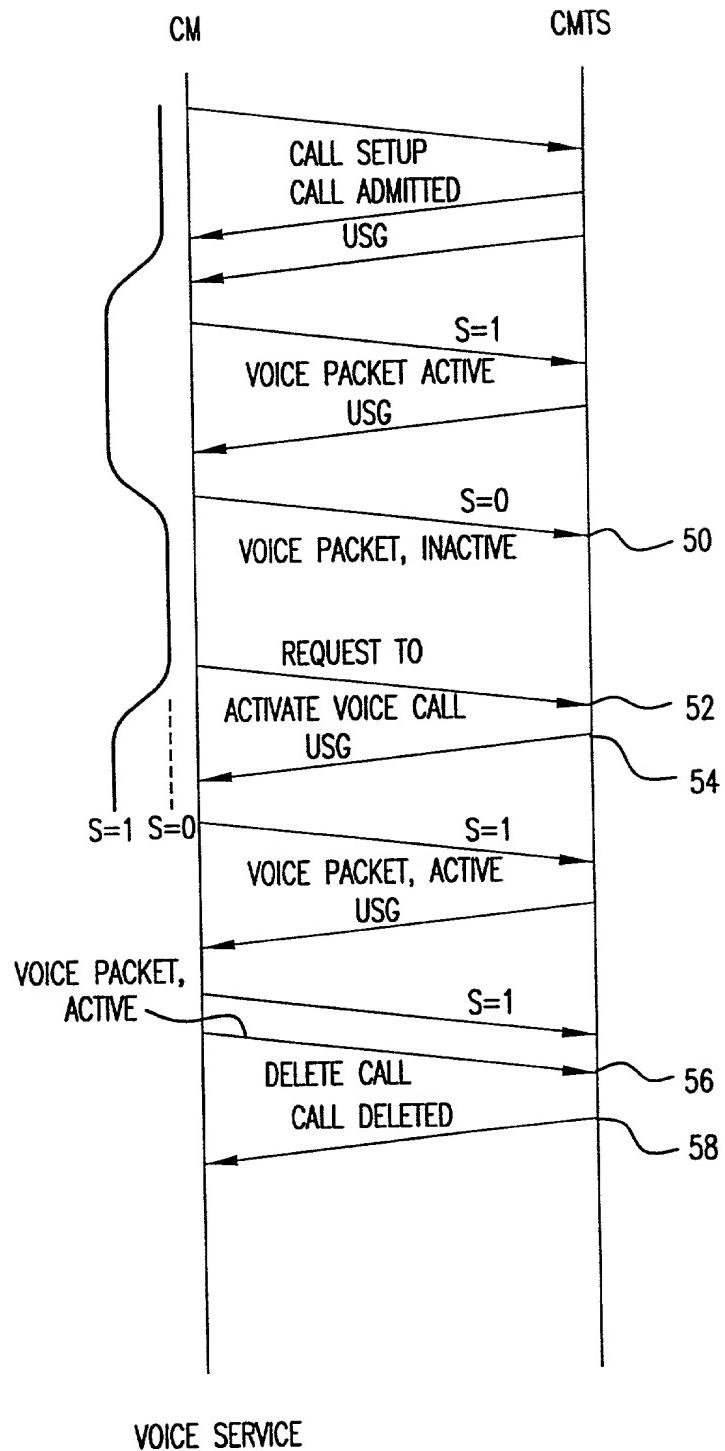
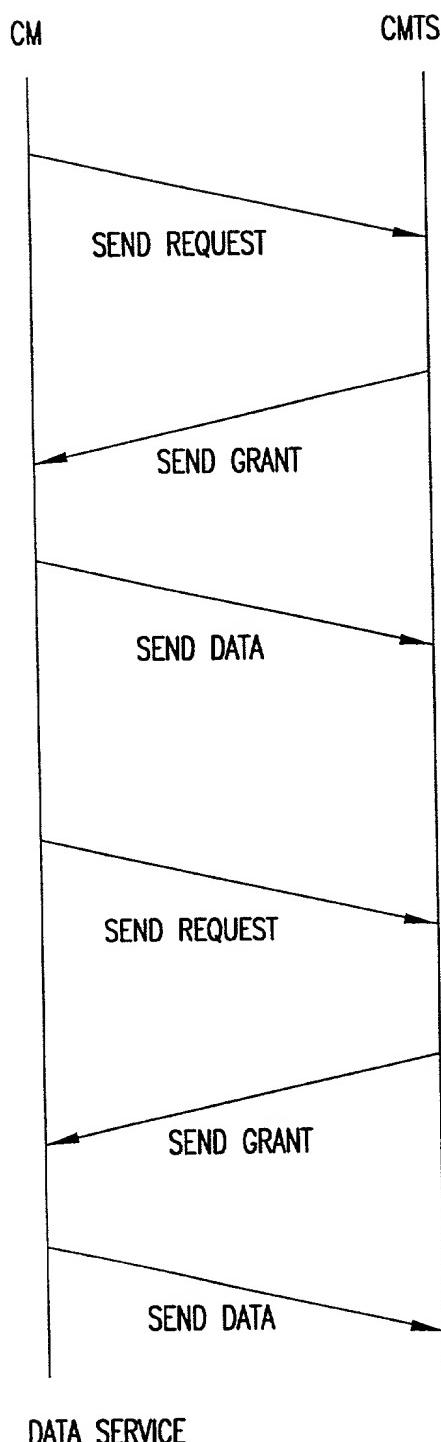


FIG. 1



DATA SERVICE

VOICE SERVICE

FIG.2A

FIG.2B

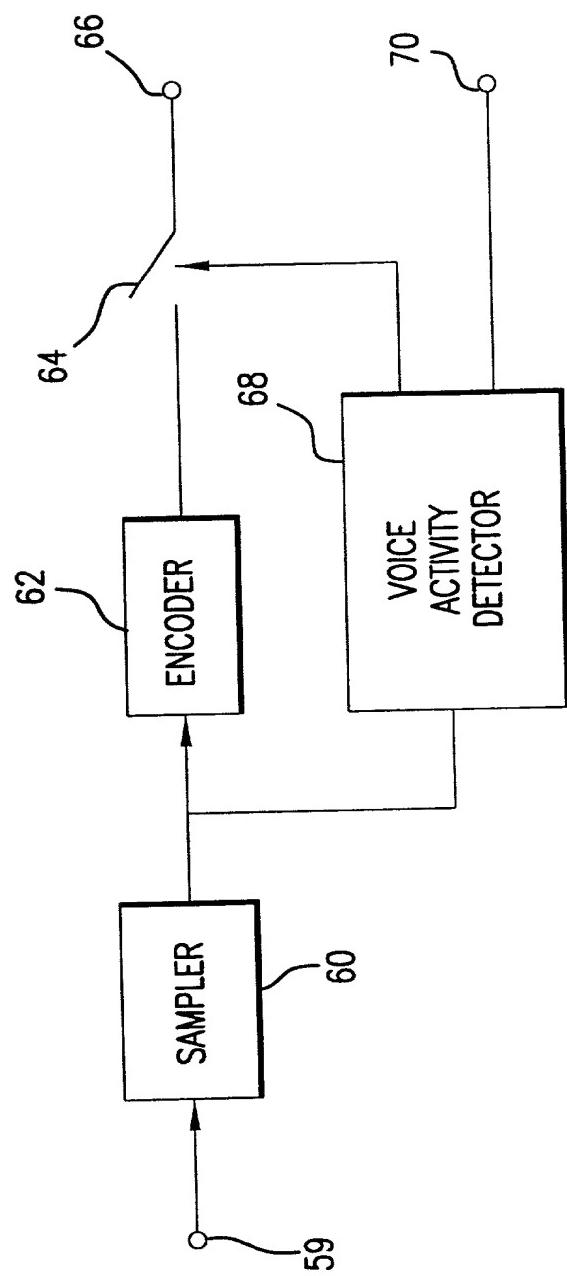


FIG. 3

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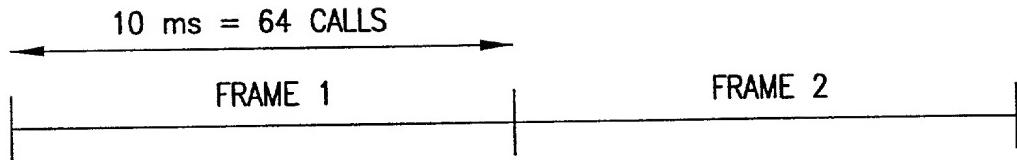


FIG.4A

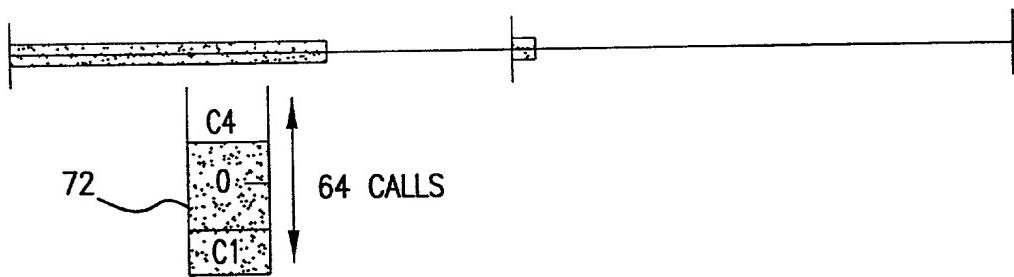


FIG.4B

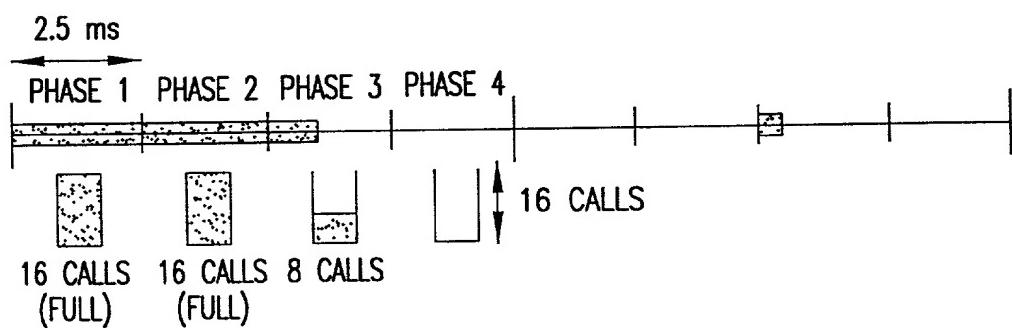


FIG.4C



FIG.4D

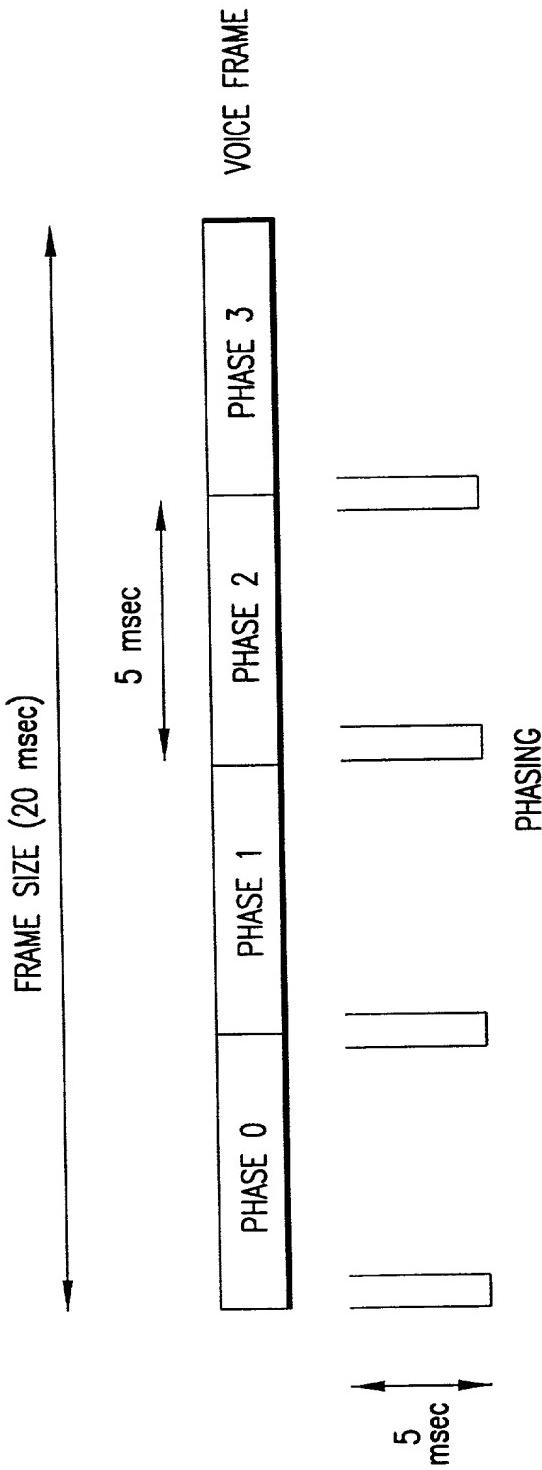


FIG.5A

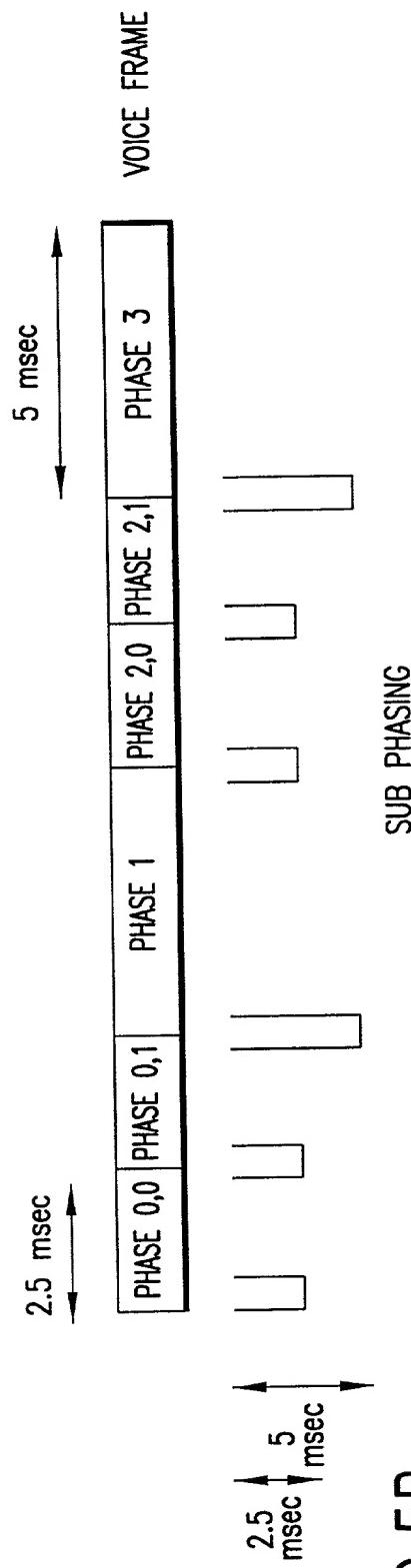
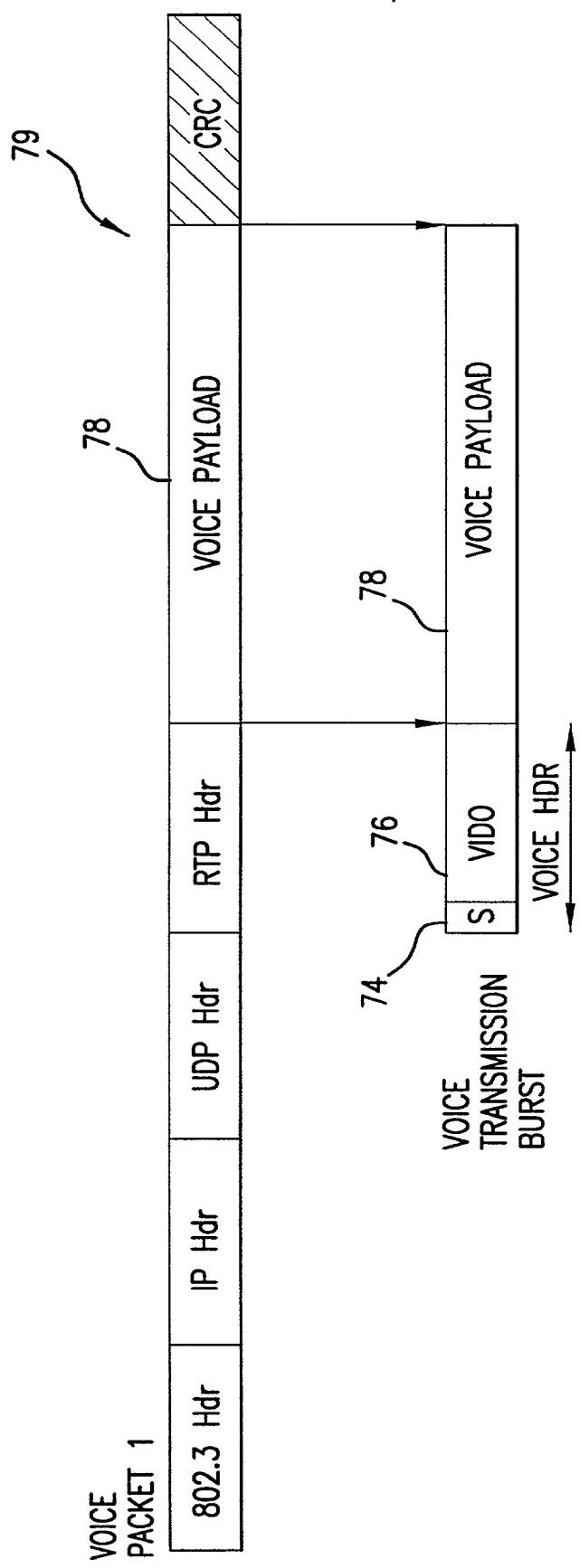


FIG.5B

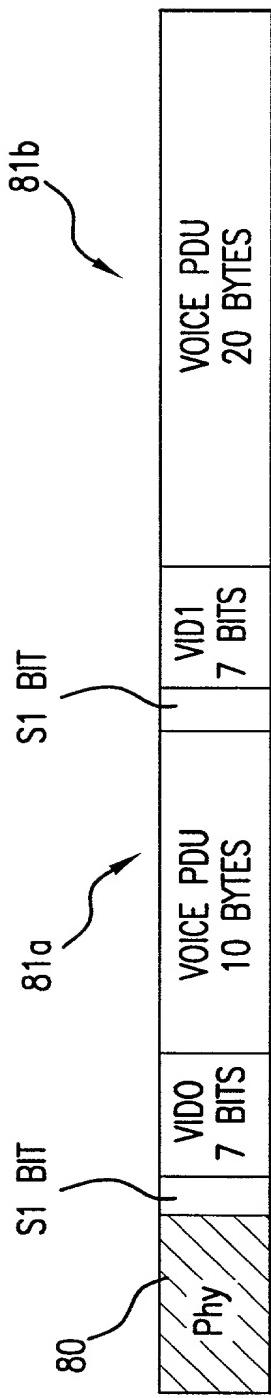
CALL 1: CM1, VIDO: 5ms, 16 Kbps=2 MS (1:0)  
CALL 2: CM2, VIDO: 10ms, 32 Kbps=4 MS (2:0)  
CALL 3: CM3, VIDO: 20ms, 32 Kbps=7 MS (3:0)  
CALL 4: CM4, VIDO: 20ms, 32 Kbps=7 MS (4:0)  
CALL 5: CM1, VID1: 10ms, 16 Kbps=3 MS (1:1)  
CALL 6: CM2, VID1: 10ms, 16 Kbps=3 MS (2:1)

**FIG.5C**



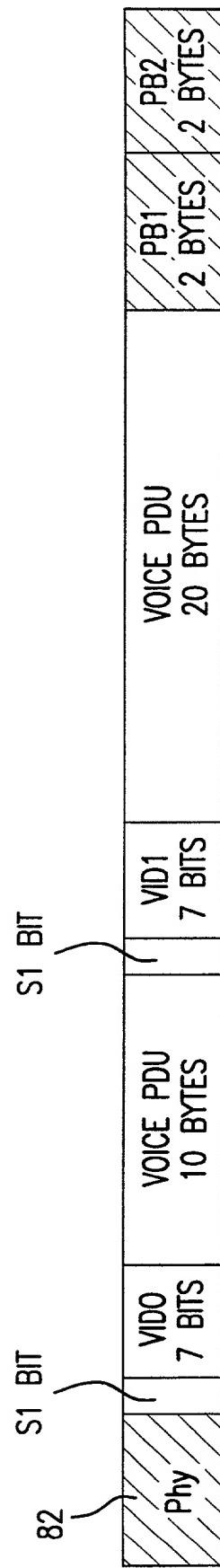
MAPPING VoIP PACKETS INTO VOICE PDUs

FIG.6A



CONCATENATION OF TWO VOICE CHANNELS OF DIFFERENT RATES

FIG.6B



CONCATENATION OF VOICE CHANNELS AND PIGGYBACKING REQUESTS

FIG.6C

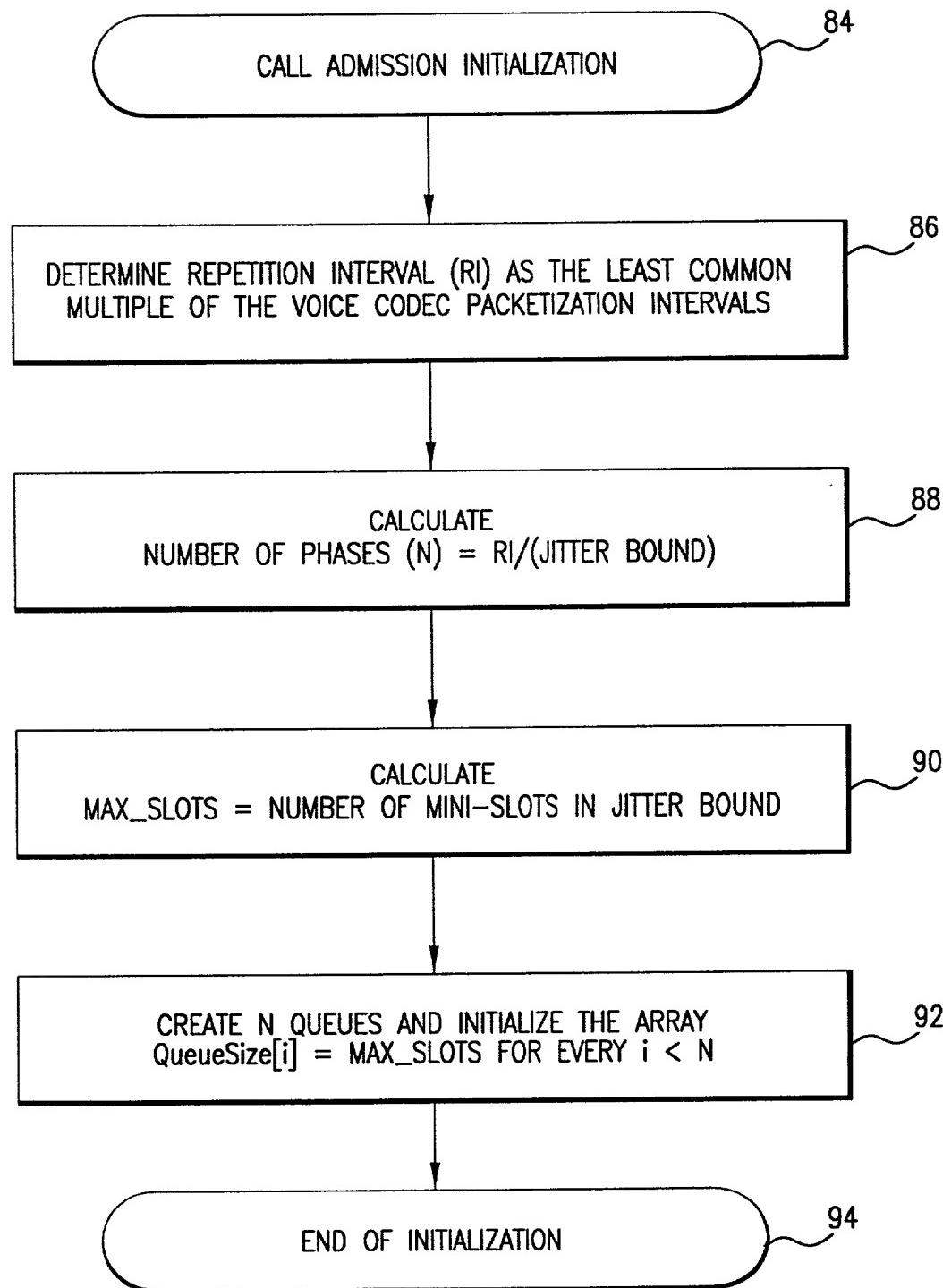


FIG.7

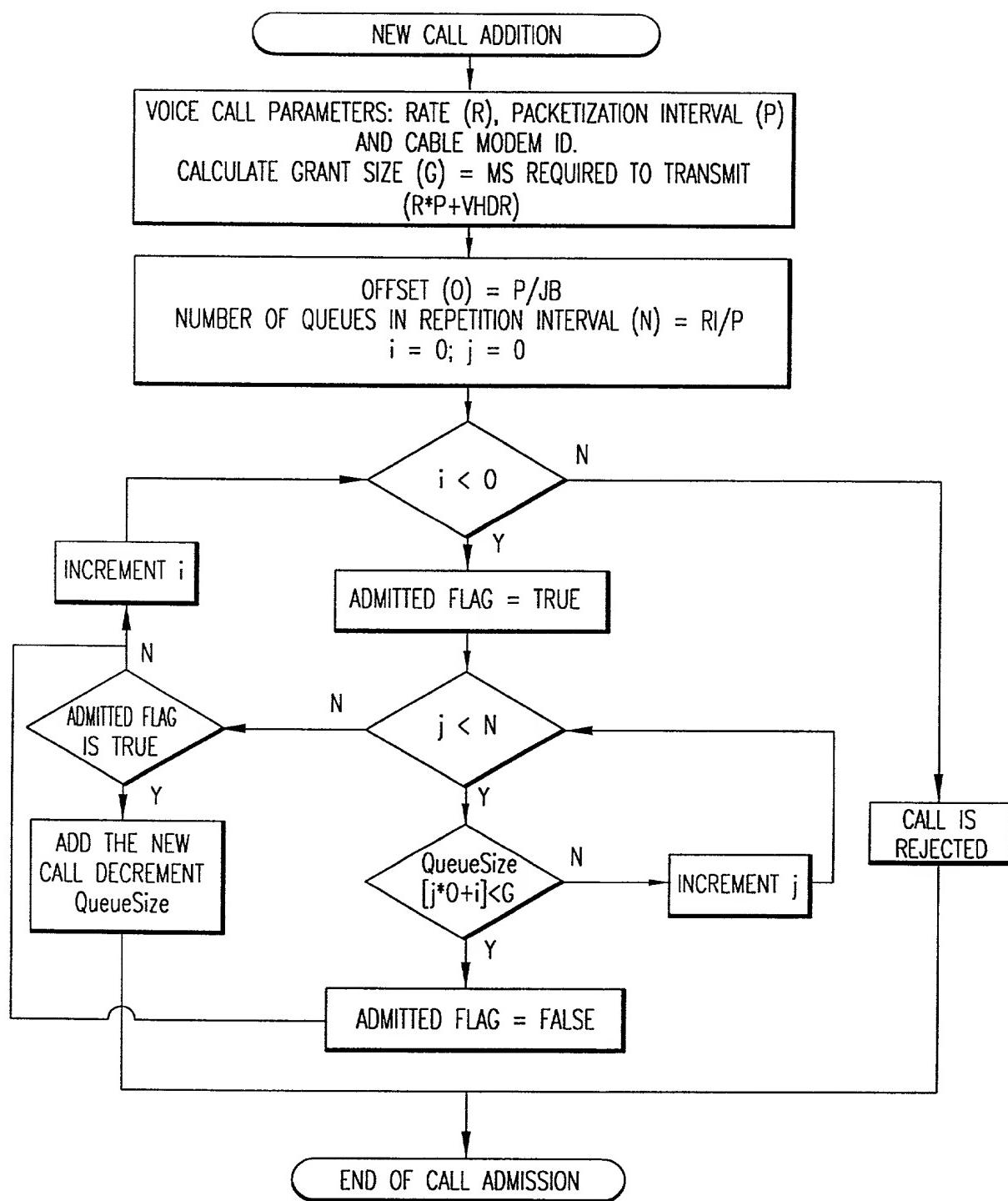
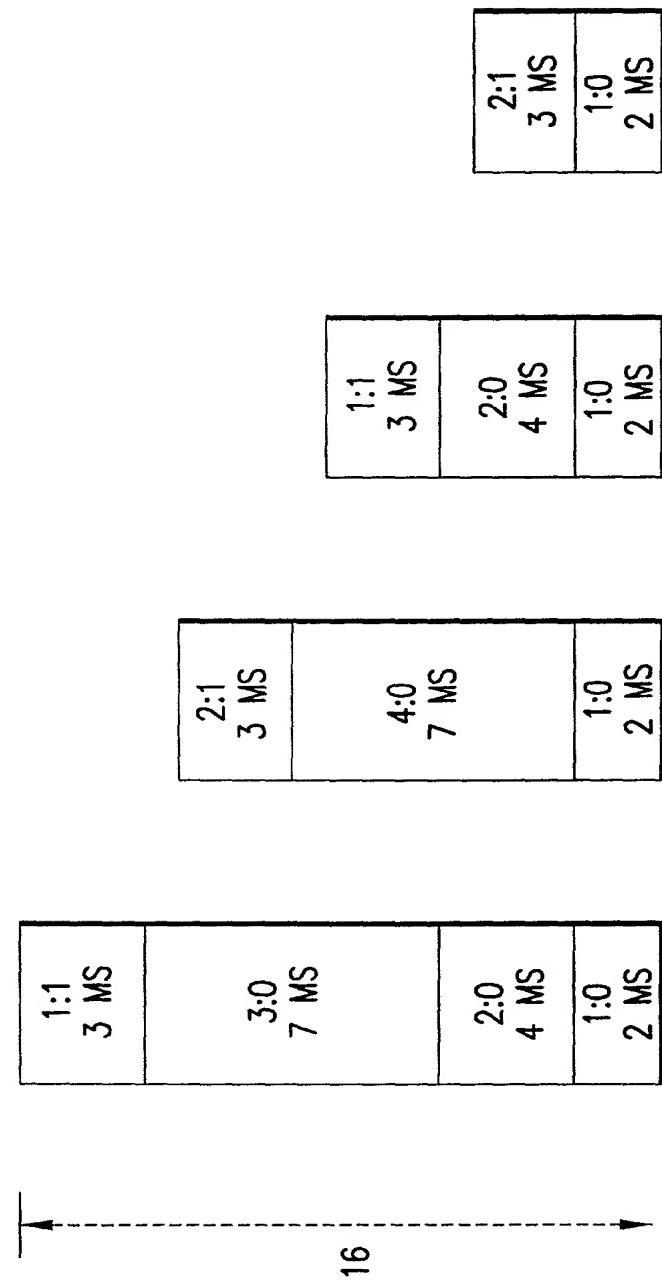


FIG.8

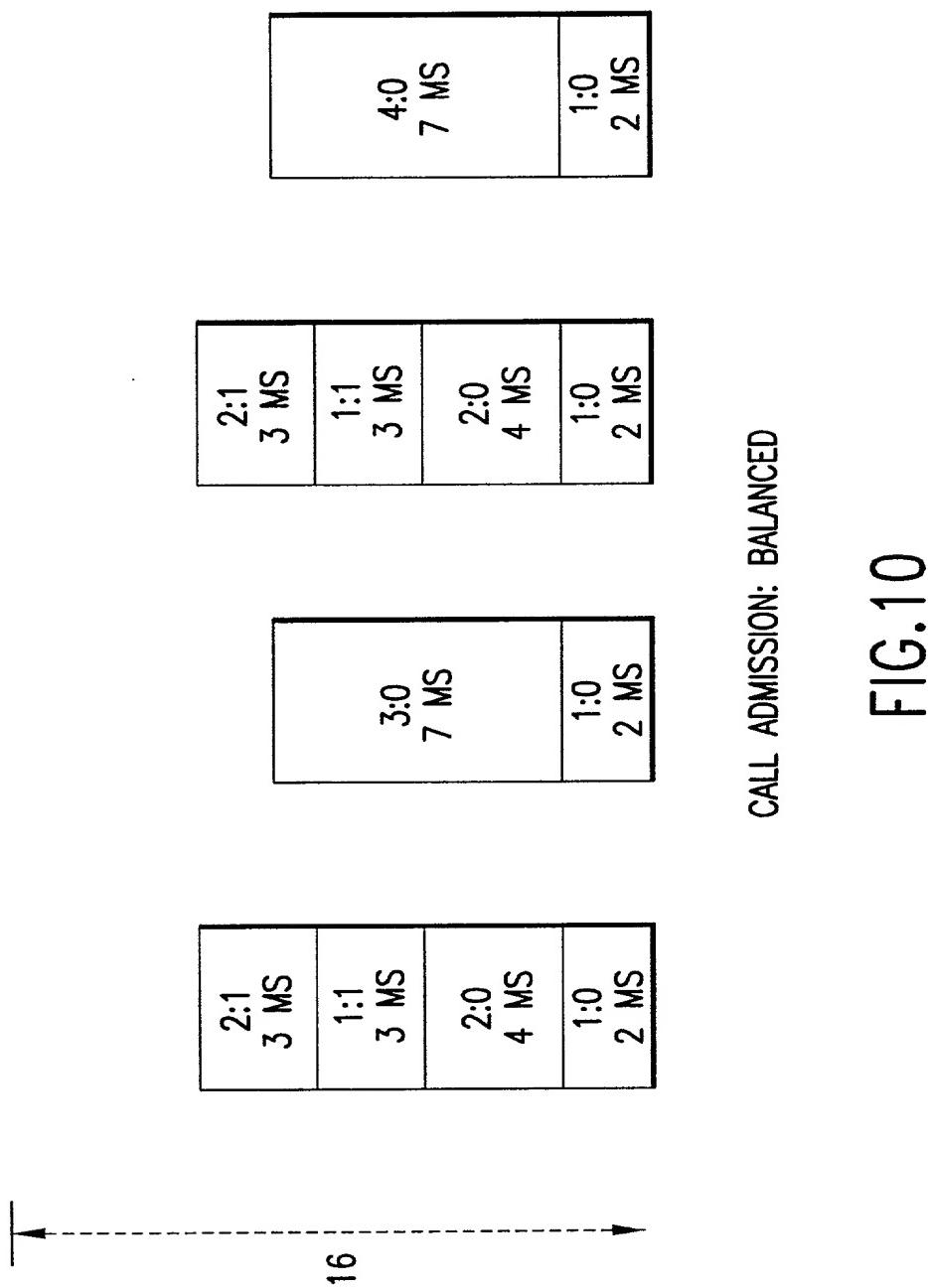
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CALL ADMISSION: UNBALANCED

FIG. 9

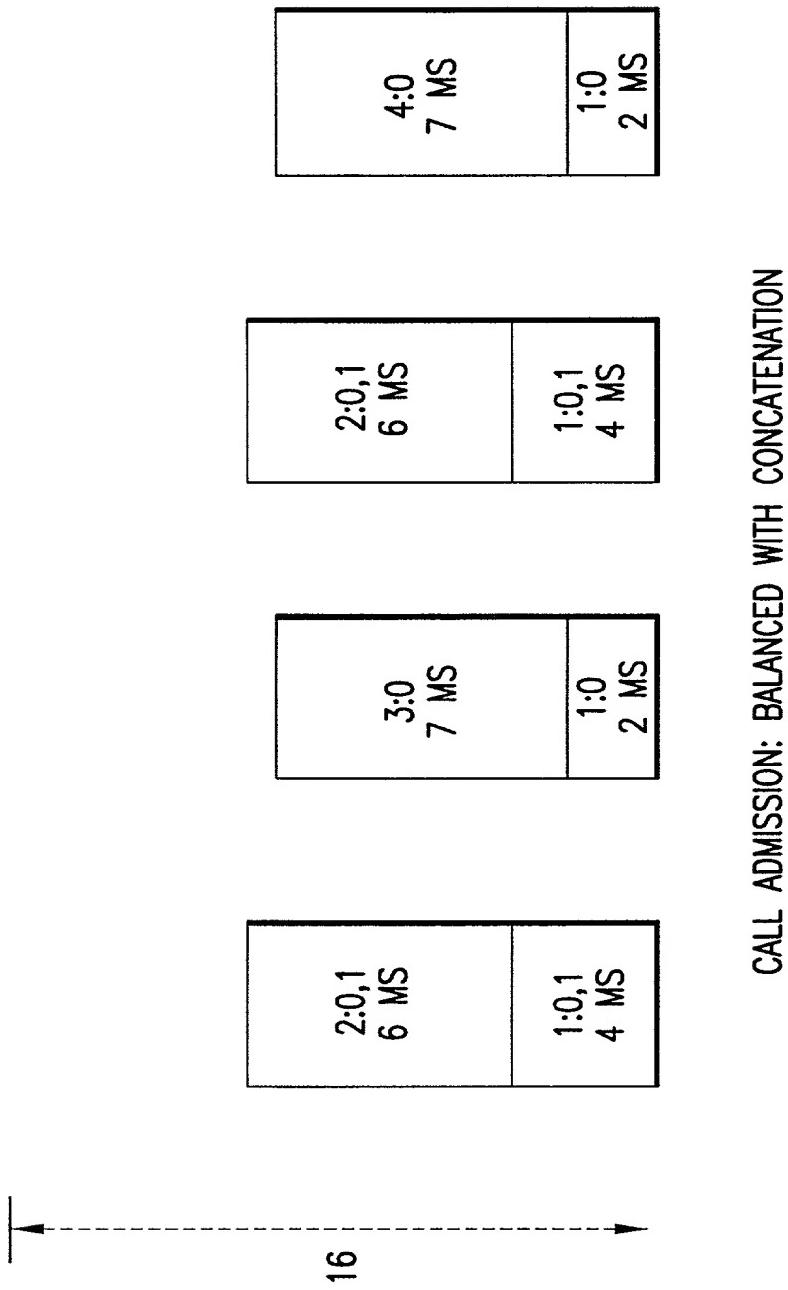
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CALL ADMISSION: BALANCED

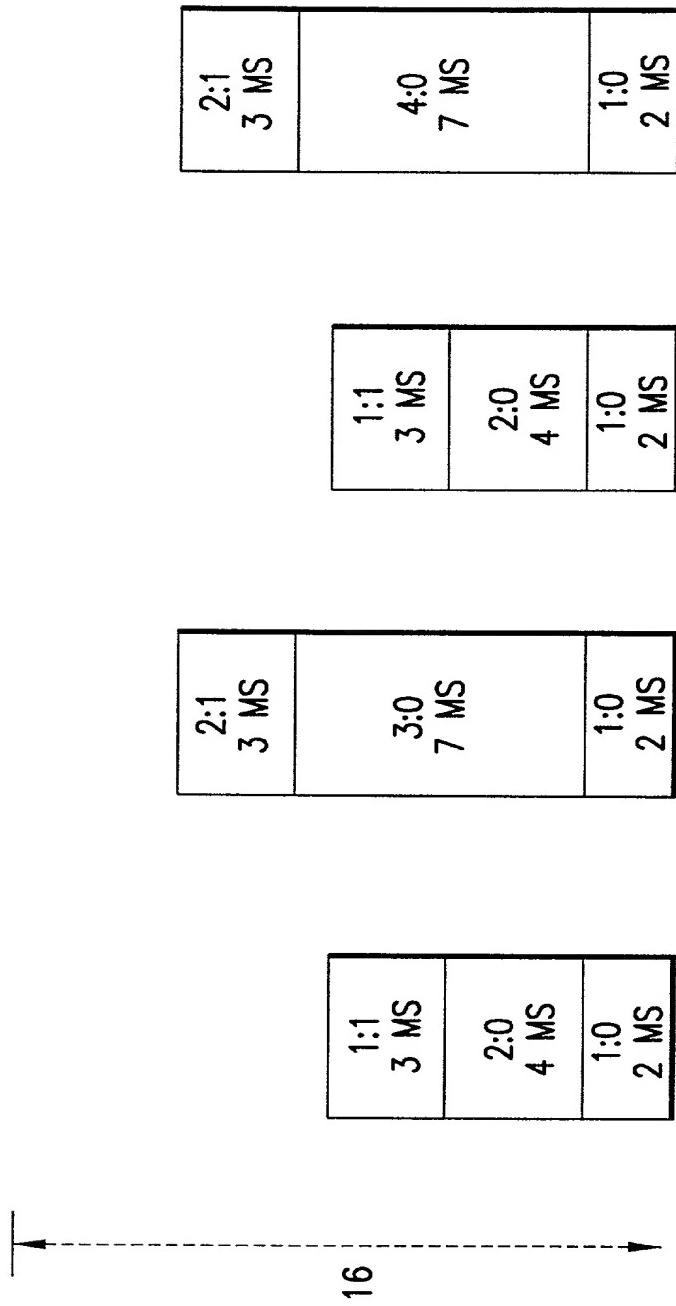
FIG.10

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CALL ADMISSION: BALANCED WITH CONCATENATION

FIG. 11



CALL ADMISSION: BALANCED AND DISTRIBUTED CM ALLOCATION

FIG. 12

## (PERIODIC) UNSOLICITED GRANT SERVICE (UGS)

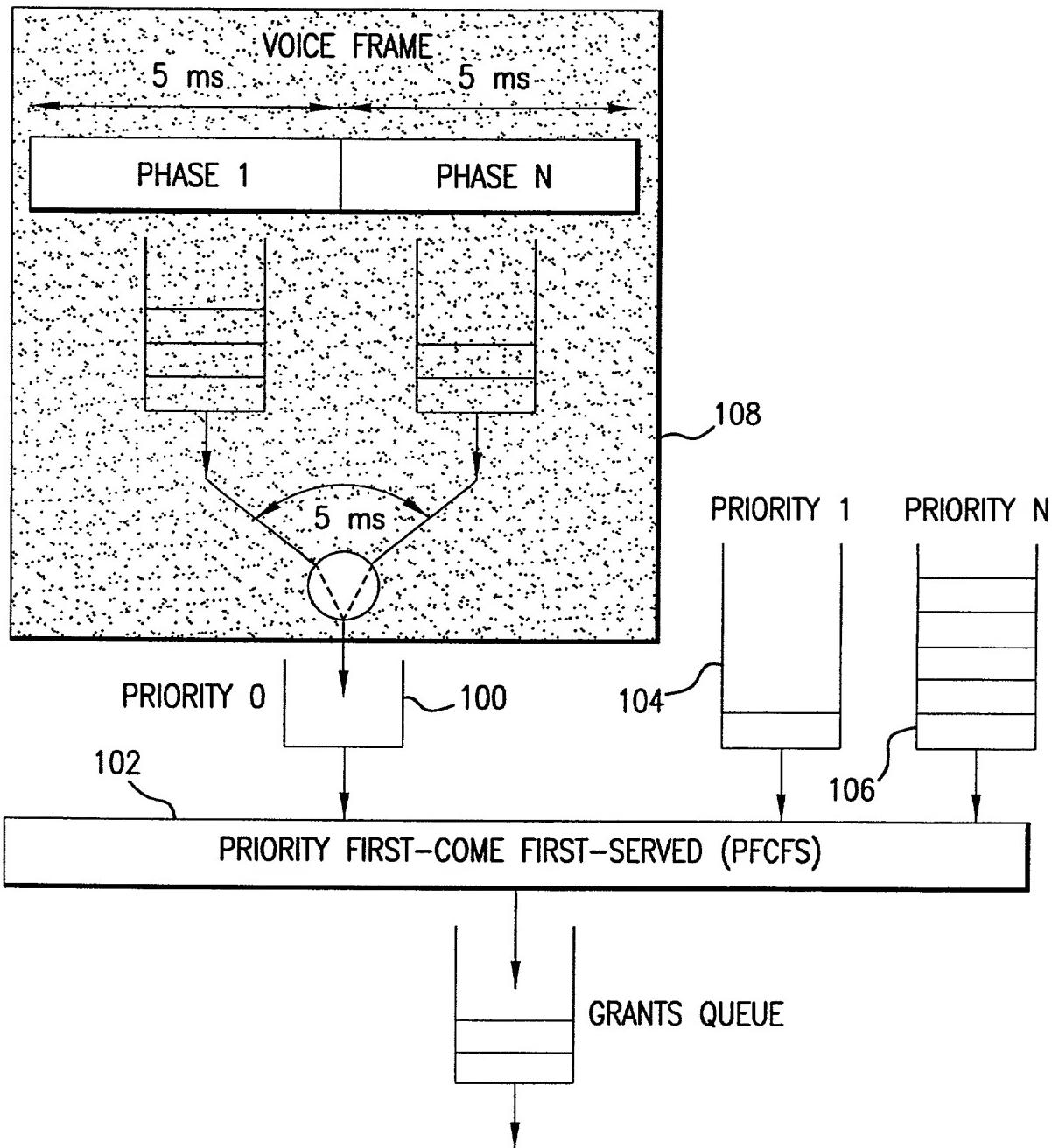


FIG.13

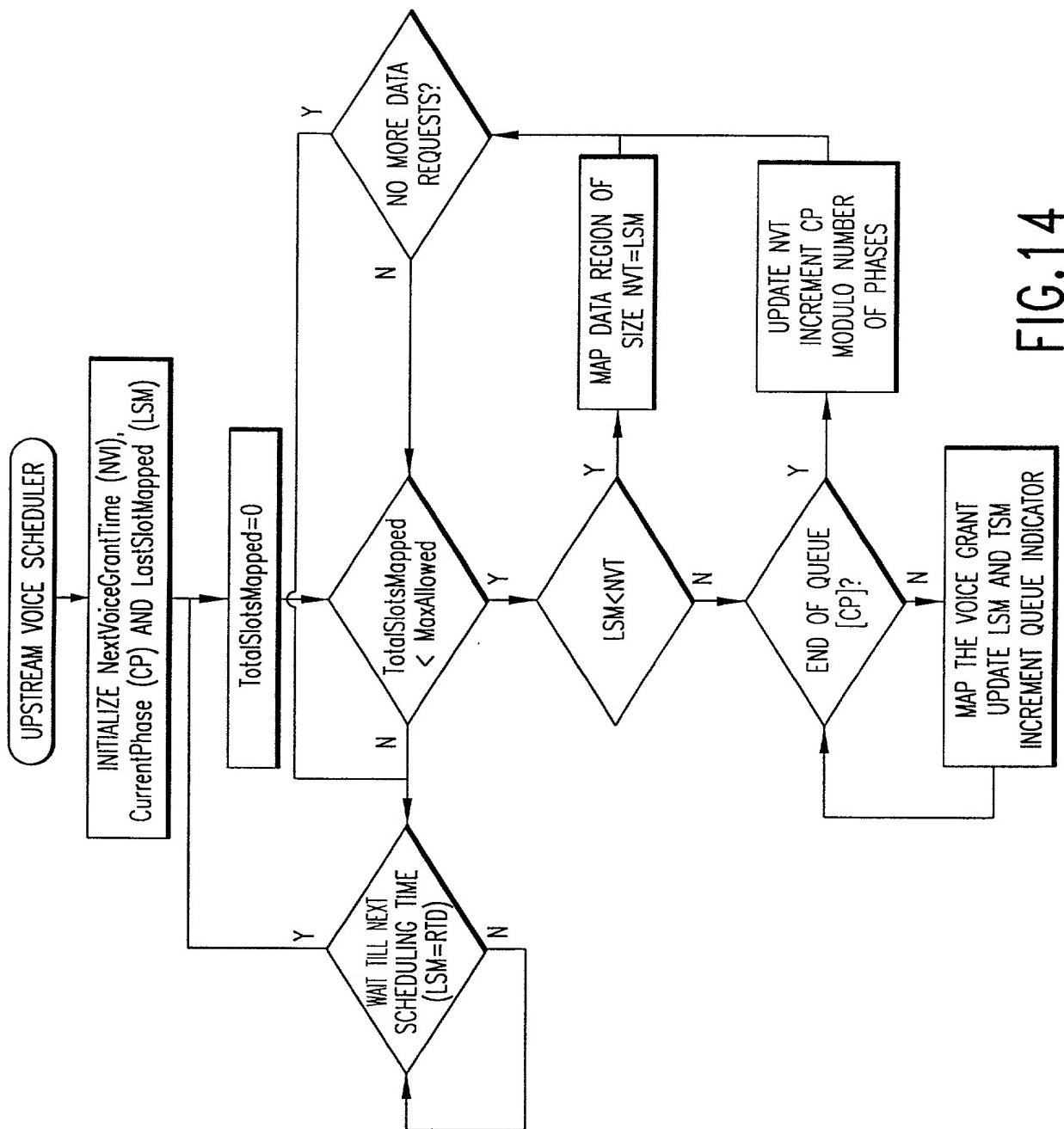


FIG. 14

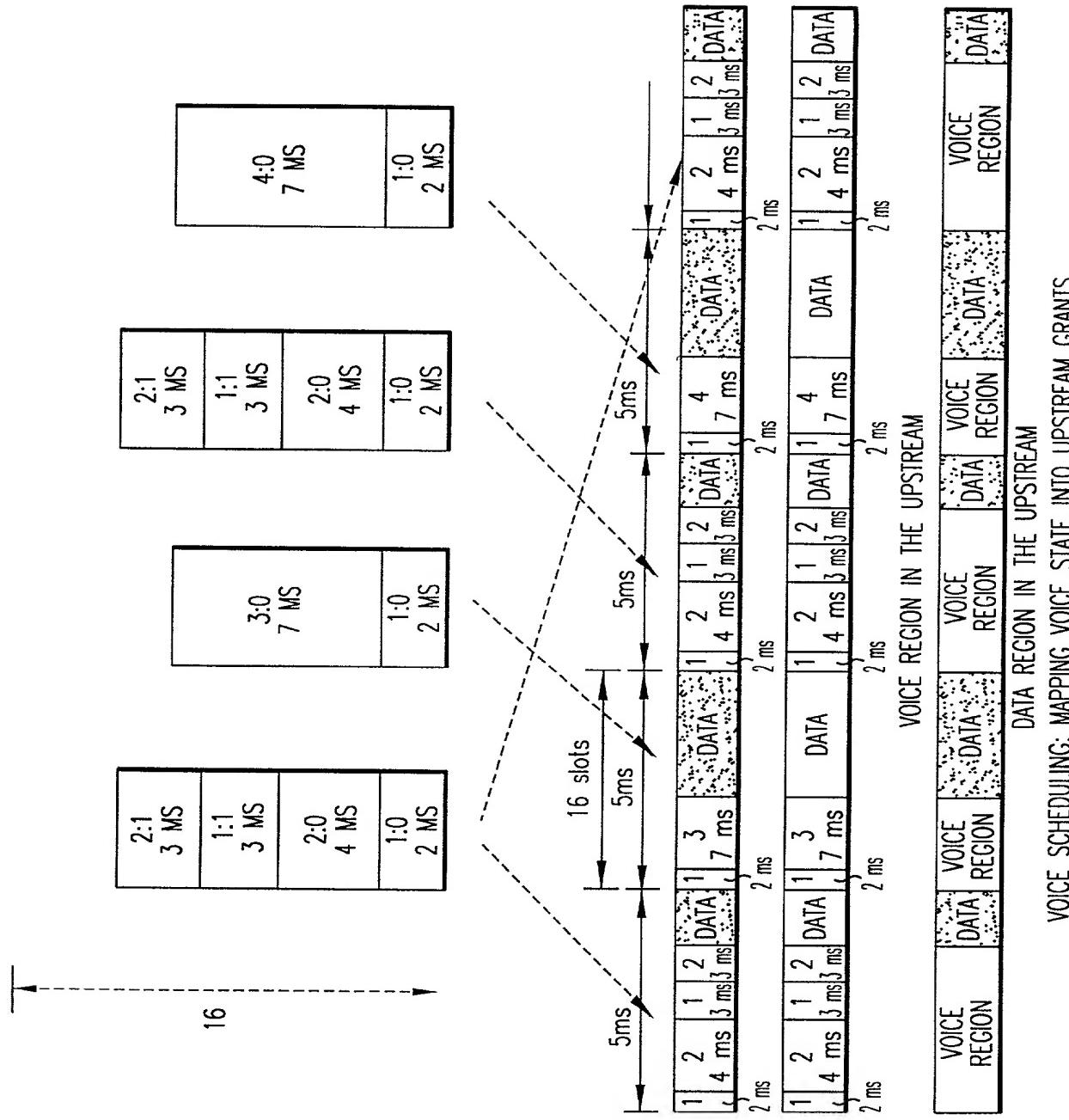


FIG. 15

VOICE SCHEDULING: MAPPING VOICE STATE INTO UPSTREAM GRANTS  
 DATA REGION IN THE UPSTREAM  
 DATA REGION: MAPPING VOICE STATE INTO UPSTREAM GRANTS

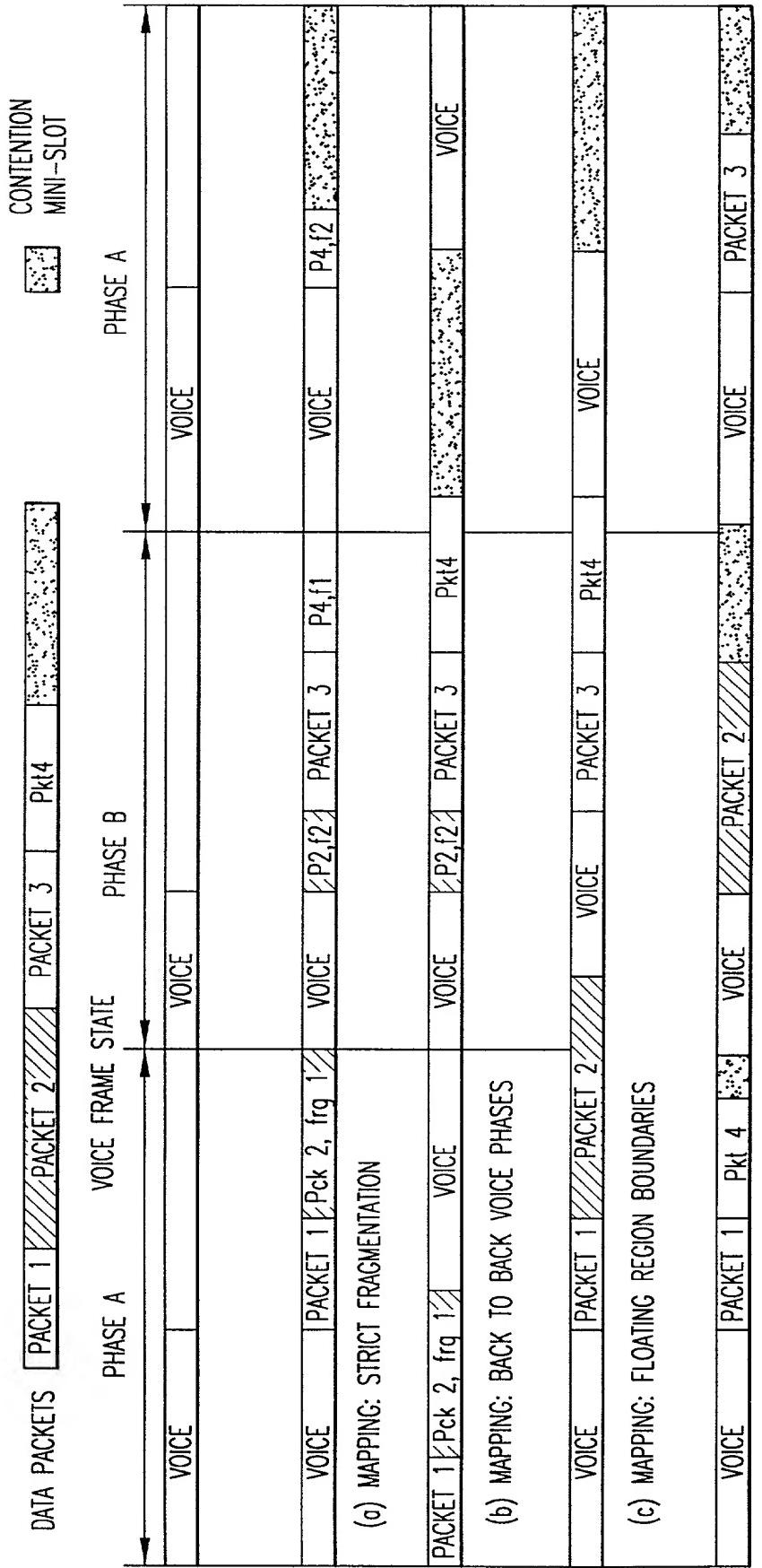


FIG. 16

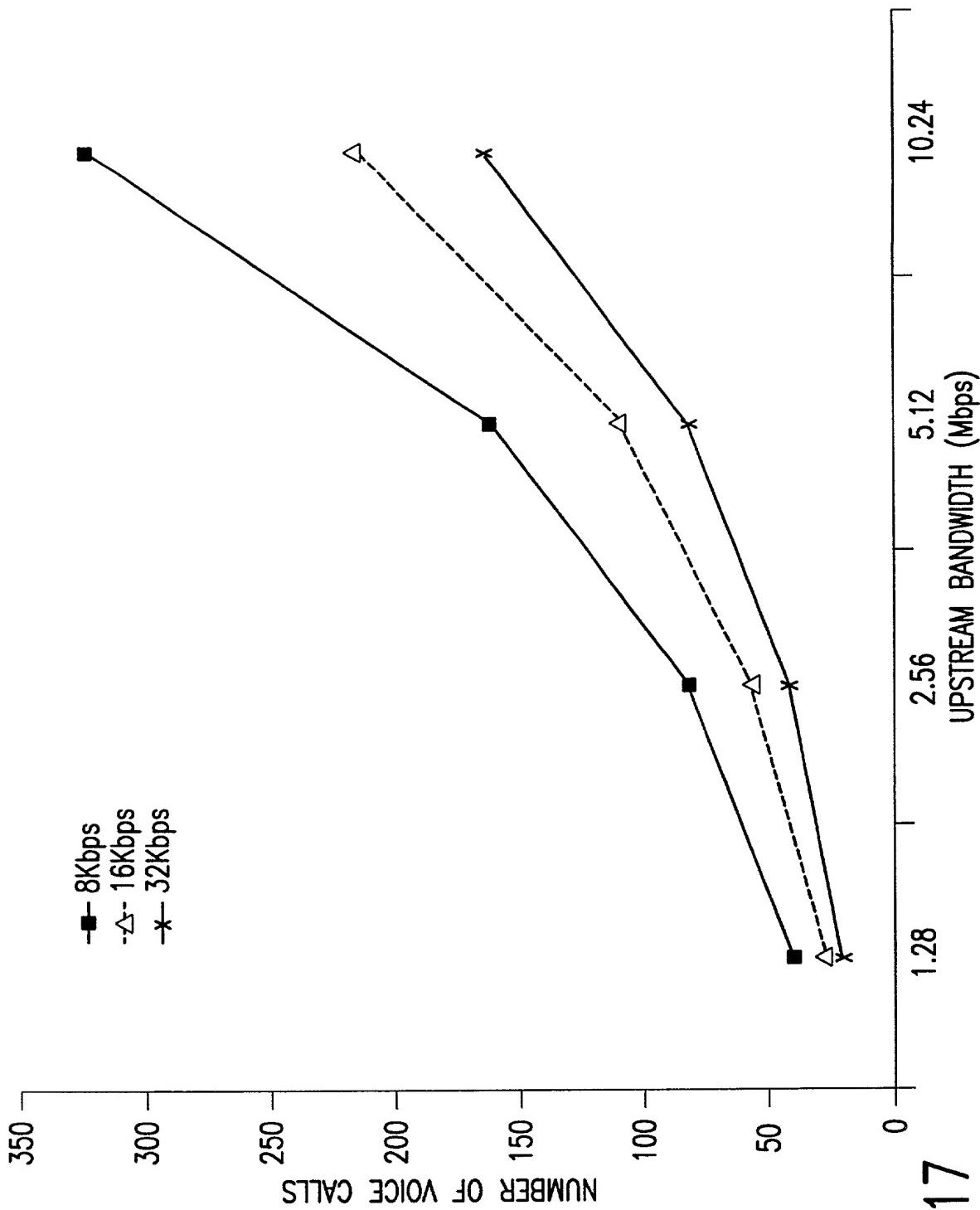


FIG. 17

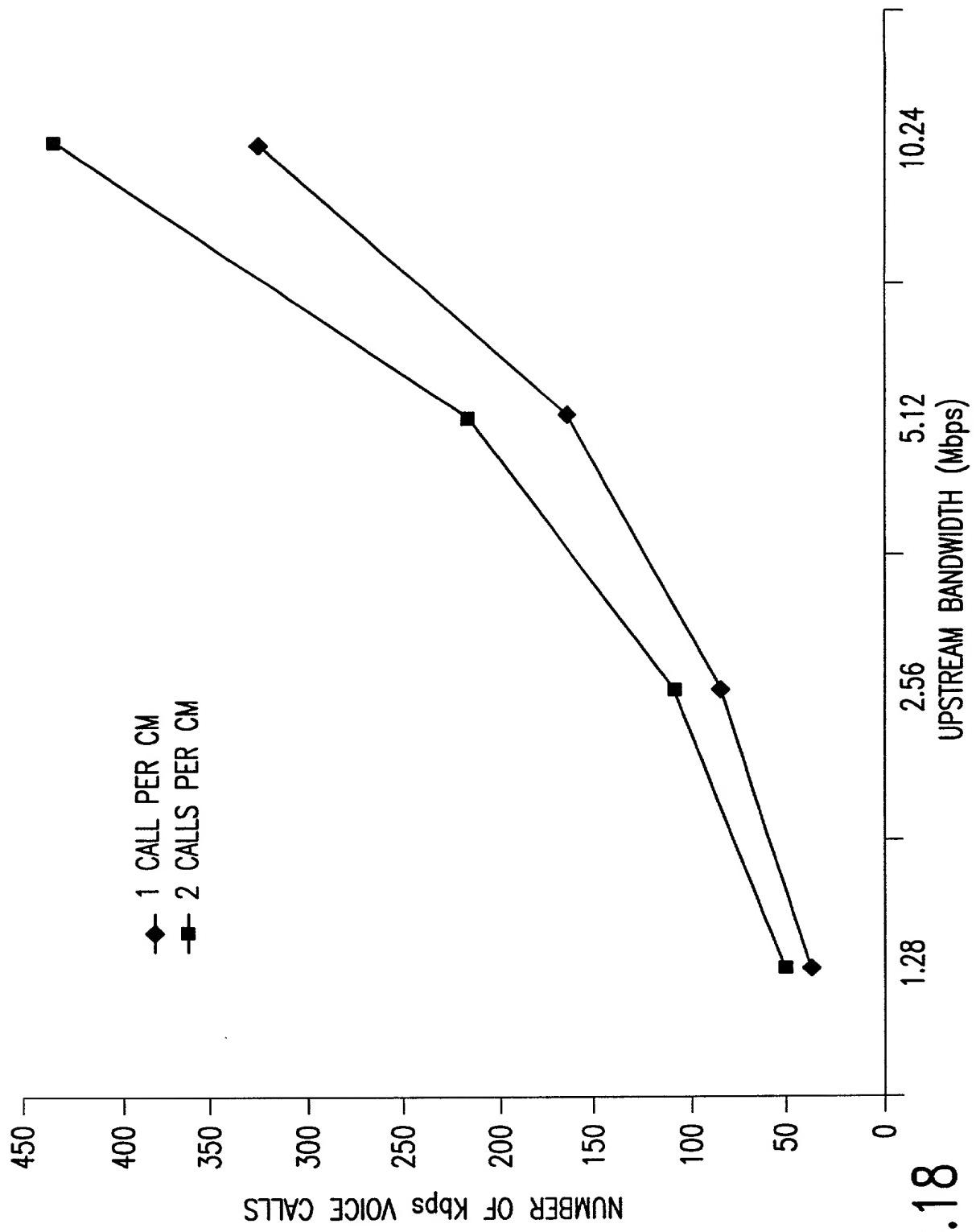


FIG. 18

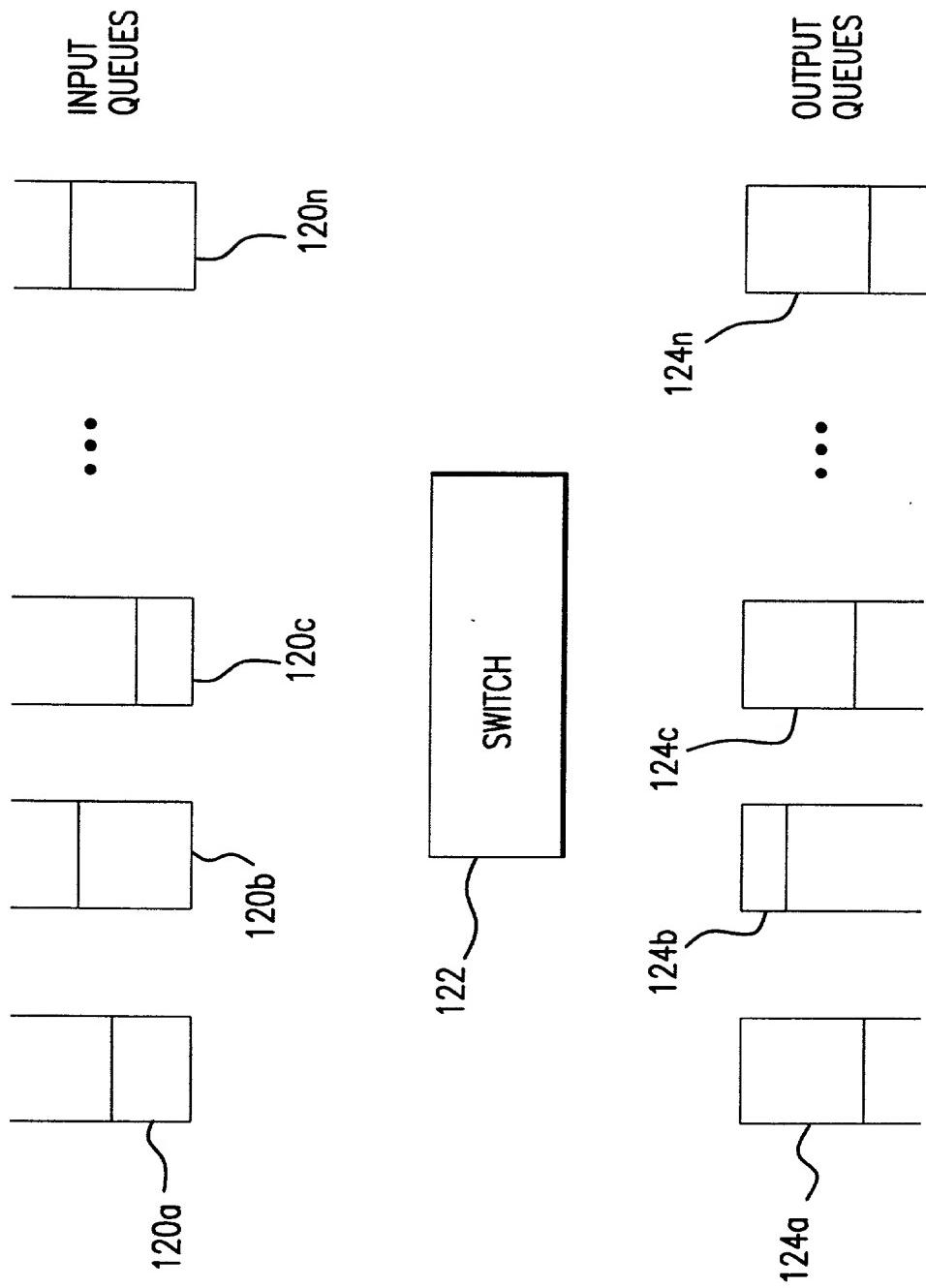


FIG. 19